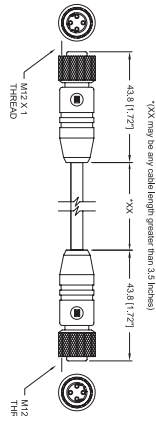
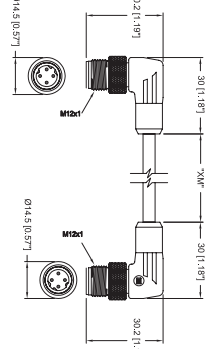
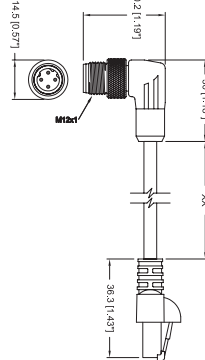
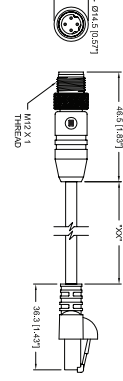
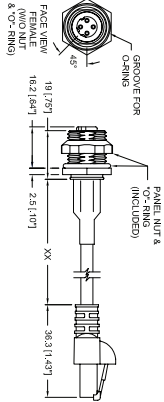
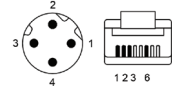


## EtherNet/IP Double-Ended Cord Sets

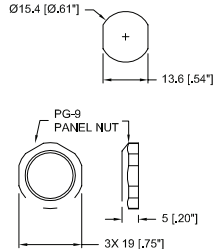
Cat5e, High-Flex, 2 Twisted Bonded Pair, Stranded/Unshielded, 24 AWG, TPE Jacket

| Type                   | 0985 806 112                                                                                                                                                                                         | 0985 806 124                                                                                                                                                                                  | 0985 806 126                                                                                                                                                                       | 0985 806 103                                                                                                                                                           | 0985 806 104                                                                                                                                                                |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---|-------------|---|--------|---|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----|-------|------|---|--------------|---|---|-------------|---|---|--------|---|---|-------|---|
|                        |                                                                                                                     |                                                                                                              |                                                                                                   |                                                                                     |                                                                                          |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| Product Description    | EtherNet/IP, high-flex, double-ended cord set, M12 female, straight to M12 female straight, 4-pin, D-coding, 24 AWG TPE cable, stranded/unshielded, 2 twisted bonded pair with teal jacket.          | EtherNet/IP, high-flex, double-ended cord set, M12 male, right angle to M12 male right angle, 4-pin, D-coding, 24 AWG TPE cable, stranded/unshielded, 2 twisted bonded pair with teal jacket. | EtherNet/IP, high-flex, double-ended cord set, M12 male, right angle to RJ45 male, 4-pin, D-coding, 24 AWG TPE cable, stranded/unshielded, 2 twisted bonded pair with teal jacket. | Ethernet I/P, high-flex, double-ended cord set, M12 male to RJ45 male, 4 pin, D-coded, 24 AWG, teal TPE jacket, stranded/unshielded cable with 2 twisted bonded pairs. | EtherNet/IP, high-flex, double-ended cord set, M12 female 4 pin, D-coded receptacle to male RJ45, 24 AWG, teal TPE jacket, stranded/unshielded with 2 bonded twisted pairs. |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| Technical Illustration |                                                                                                                    |                                                                                                             |                                                                                                  |                                                                                    |                                                                                         |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| Wiring diagram         | <table><tr><th>M12</th><th>Color</th></tr><tr><td>1</td><td>White Orange</td></tr><tr><td>2</td><td>White Green</td></tr><tr><td>3</td><td>Orange</td></tr><tr><td>4</td><td>Green</td></tr></table> |                                                                                                                                                                                               | M12                                                                                                                                                                                | Color                                                                                                                                                                  | 1                                                                                                                                                                           | White Orange | 2 | White Green | 3 | Orange | 4 | Green | <table><tr><th>M12</th><th>Color</th><th>RJ45</th></tr><tr><td>1</td><td>White Orange</td><td>1</td></tr><tr><td>2</td><td>White Green</td><td>3</td></tr><tr><td>3</td><td>Orange</td><td>2</td></tr><tr><td>4</td><td>Green</td><td>6</td></tr></table> |  |  | M12 | Color | RJ45 | 1 | White Orange | 1 | 2 | White Green | 3 | 3 | Orange | 2 | 4 | Green | 6 |
| M12                    | Color                                                                                                                                                                                                |                                                                                                                                                                                               |                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| 1                      | White Orange                                                                                                                                                                                         |                                                                                                                                                                                               |                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| 2                      | White Green                                                                                                                                                                                          |                                                                                                                                                                                               |                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| 3                      | Orange                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| 4                      | Green                                                                                                                                                                                                |                                                                                                                                                                                               |                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| M12                    | Color                                                                                                                                                                                                | RJ45                                                                                                                                                                                          |                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| 1                      | White Orange                                                                                                                                                                                         | 1                                                                                                                                                                                             |                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| 2                      | White Green                                                                                                                                                                                          | 3                                                                                                                                                                                             |                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| 3                      | Orange                                                                                                                                                                                               | 2                                                                                                                                                                                             |                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| 4                      | Green                                                                                                                                                                                                | 6                                                                                                                                                                                             |                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| Face views             |                                                                                                                   |                                                                                                            |                                                                                               |                                                                                                                                                                        |                                                                                                                                                                             |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| Part number            | 0985 806 112/...M                                                                                                                                                                                    | 0985 806 124/...M                                                                                                                                                                             | 0985 806 126/...M                                                                                                                                                                  | 0985 806 103/...M                                                                                                                                                      | 0985 806 104/...M                                                                                                                                                           |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |
| Standard cable lengths | 0.5 M / 1 M / 2 M / 5 M / 10 M                                                                                                                                                                       | 0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 M                                                                                          | 0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M                                                                                                                  | 0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M                                                                                                      | 0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M                                                                                                           |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |  |  |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |

# Be Certain with Belden

## EtherNet/IP Double-Ended Cord Sets

Cat5e, High-Flex, 2 Twisted Bonded Pair, Stranded/Unshielded, 24 AWG, TPE Jacket

| Type                      | 0985 806 112                                                                        | 0985 806 124 | 0985 806 126                                                                                                                                       | 0985 806 103 | 0985 806 104                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Degree of protection      | IP68                                                                                |              | IP68 / IP20                                                                                                                                        |              |                                                                                                                                                                                |
| Temperature               | -40°C to 75°C                                                                       |              | -20°C to 60°C                                                                                                                                      |              |                                                                                                                                                                                |
| Mechanical                |                                                                                     |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| M12 and M12 Receptacle    |                                                                                     |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Molded body               | PUR, black                                                                          |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Coupling nut              | Brass, nickel plated                                                                |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Contacts                  | Brass, gold plated                                                                  |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Insert                    | PUR, black                                                                          |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| RJ45                      |                                                                                     |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Plug                      | Polycarbonate                                                                       |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Contacts                  | Phosphor Bronze, gold plated                                                        |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Boot                      | Elastomer Polyolefin                                                                |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Electrical                |                                                                                     |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Current rating            | 4A                                                                                  |              | 1.5 A                                                                                                                                              |              |                                                                                                                                                                                |
| Voltage rating            | 250V                                                                                |              | 30V AC / 42V DC                                                                                                                                    |              |                                                                                                                                                                                |
| Performance               | Cat5e, Belden bonded twisted pair cable                                             |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Cable specifications      |                                                                                     |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Cable jacket              | TPE                                                                                 |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Color                     | Teal                                                                                |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Overall diameter          | .275"                                                                               |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Conductor                 | 24 AWG stranded tinned copper                                                       |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Temperature               | Operating: -40°C to 75°C / Installation: -25°C to 75°C                              |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Flame test                | UL: CMR / CSA: CMG                                                                  |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Continuous Flex           | 2 million cycles @ 10X,10 million cycles @ 20X bend radius                          |              |                                                                                                                                                    |              |                                                                                                                                                                                |
| Characteristics           |                                                                                     |              |                                                                                                                                                    |              |                                                                                                                                                                                |
|                           |  |              | <br>NOTE: Vibration & Oil Resistant applies to M12 side only. |              |                                                                                                                                                                                |
| Recommended panel cut out |                                                                                     |              |                                                                                                                                                    |              |  |

The application of these products in harsh environments should always be checked before use.

## Данный компонент на территории Российской Федерации

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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